Adm - 13.1 MFR

7L-5882

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23 November 1971

MEMORANDUM FOR: Deputy Director for Science and Technology

SUBJECT: Computer Support for DCI/NIPE Staff

1. While as a result of our telephone conversation of yesterday I have instructed [   ] with the support of [   ] to discuss with Jack Iams what we need in increased support from OCS, I thought it would be just as well to give you some specific idea of the problem, as we see it.

2. For some time this staff has been concerned that the level of OCS computer support has been reaching a point where the level of necessary work was beginning to fall behind and predictable future needs would not be met. With the increase in the DCI's community responsibilities as a result of the recent Presidential directive, this situation could become critical. The nature of the program budget planning cycle is such that some of our deadlines occur early in 1972. Thus our most pressing need is that you support a request of an immediate reallocation of some OCS resources to address a selected group of computer support problems that have short-term deadlines.

3. Let me briefly identify your present computer support to us and the general character of our anticipated higher requirements:

    a. Computer Support for Systems Analysis Group.
    The OCS Scientific Applications Division supports [   ] Systems Analysis Group. That work involves the solution of large-scale resources. The level of this effort is expanding.

    b. Computer Support for Other NIPE Components.
    OCS provides this support through its Intelligence Management Support Branch (IMSB).

        (1) IMSB is presently involved with two NIPE programs--CIRIS and the Facilities Inventory. The

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latter was undertaken for the Critical Collection
Problems Committee of USIB. These two data bases
overlap and we intend to coordinate them. Both,
however, will continue to grow and new types of data
will need to be accommodated.

(2) With respect to CIRIS, external pressures
are forcing Defense to expand its reporting on intelligence-
related organisations and activities, and this must be
accommodated in a community data system. We may
be required soon to maintain a continually-updated
computerised data base.

(3) We foresee the need for computer graphics,
including interaction diagrams and flow charts. We
will also need a computer capability to model alternative
data sets and perform calculations and sensitivity
analyses.

(4) We will continue to need OCS technical
support on hardware problems. These occur generally
in interagency discussions on physical arrangements
for sharing the task of preparing and disseminating
portions of an integrated data base. In-house, we will
continue to make increasing use of computer terminals.
The availability of video terminal equipment also
continues to be of interest.

(5) In addition, we have a continuing need for
guidance from OCS in developing our total system. I
particularly want you and Jack Iams to know that we have
been extremely pleased with the fine support and sound
planning guidance furnished to our staff by
Chief of the OCS Intelligence Management Support Branch.
has been associated with NIPE projects for some
four years and he is highly thought of by our entire staff.
We regard him as close to indispensable in executing
our plans. In recogniation of this, we would like to have
him in charge of our total NIPE computer support
program (excluding the separable scientific work for
I hope you will approve this assignment.

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4. _____ will continue to serve as the principal point of contact for _____ since we intend that his group will provide the data support system for the DCI's community staff. It is all these details that I would like to have _____   25X1 discuss with Jack Iams.

(Signed) Bronson Tweedy

Bronson Tweedy
D/DCI/NIPE